

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATION

In re Application of:

Stone &amp; Webster, Inc. et al.

|             |                              |                 |                |
|-------------|------------------------------|-----------------|----------------|
| Serial No.: | Not yet known.               | Group Art Unit: | Not yet known. |
| Filed :     | Concurrently herewith.       | Examiner:       | Not yet known. |
| For:        | EB/SM SPLITTER HEAT RECOVERY |                 |                |

New York, NY 10036  
December 8, 2004Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22213-1450**INFORMATION DISCLOSURE STATEMENT**

Sir:

The following statement of relevance is submitted with the accompanying Form  
PTO/SB/08A.Document  
DesignationRelevance**AA**  
(U.S. 6,171,449)Relates to cascade reboiling of ethylbenzene/  
styrene columns.**AB**  
(U.S. 4,628,136)Relates to dehydrogenation process for production  
of styrene from ethylbenzene comprising low  
temperature heat recovery and modification of the  
ethylbenzene-steam feed therewith.**AC**  
(U.S. 4,695,664)Relates to method of recovering heat from low  
temperature effluent.**AD**  
(U.S. 5,386,075)Relates to process for separating ethylbenzene and  
styrene by distillation.

**AE**  
(U.S. 5,255,742)

Relates to heat injection process.

**AF**  
(U.S. 5,404,952)

Relates to heat injection process and apparatus.

**AG**  
(U.S. 6,300,533)

Relates to inhibition of polymerization of ethylenically unsaturated monomers.

**AH**  
(U.S. 6,287,483)

Relates to method of stabilizing unsaturated organic compounds from polymerization.

**AI**  
(U.S. 6,222,080)

Relates to benzoquinoneimines as vinyl aromatic polymerization inhibitors.

**AJ**  
(U.S. 5,659,095)

Relates to composition for inhibiting the polymerization of aromatic vinyl monomers.

It is respectfully requested that this art be considered by the Examiner in the above-entitled application and made of record therein. It is believed that no fee is required for submission of this Information Disclosure Statement under 37 C.F.R. §1.97(b). However, if a fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 08-1540.

Respectfully submitted,



Alan B. Clement  
Reg. No. 34,563

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10/517734

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** (Use as many sheets as necessary)

Sheet 1 of 1

## **Complete if Known**

|                        |                      |
|------------------------|----------------------|
| Application Number     | Not yet known.       |
| Filing Date            | Concurrent herewith. |
| First Named Inventor   | Slawomir Oleksy      |
| Art Unit               | --                   |
| Examiner Name          | --                   |
| Attorney Docket Number | 696-268A             |

## **U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | AA                    | US- 6,171,449                            | 01/19/2001                     | Welch  |   |
|                    | AB                    | US- 4,628,136                            | 12/09/1986                     | Sardina  |   |
|                    | AC                    | US- 4,695,664                            | 09/22/1987                     | Whittle  |   |
|                    | AD                    | US- 5,386,075                            | 01/31/1995                     | Keil, et al.                                       |   |
|                    | AE                    | US- 5,255,742                            | 10/26/1993                     | Mikus  |   |
|                    | AF                    | US- 5,404,952                            | 04/11/1995                     | Vinegar, et al.                                    |   |
|                    | AG                    | US- 6,300,533                            | 10/09/2001                     | Benage, et al.                                     |   |
|                    | AH                    | US- 6,287,483                            | 09/11/2001                     | DeMassa, et al.                                    |   |
|                    | AI                    | US- 6,222,080                            | 04/24/2001                     | Friedman, et al.                                   |   |
|                    | AJ                    | US- 5,659,095                            | 08/19/1997                     | Friedman, et al.                                   |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
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|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

## **FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
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|                    |                       |   |                                |  |   |                |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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